

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067549.D
 Acq On : 06 Nov 2020 13:24
 Operator : VA/SY
 Sample : L4548-22 2X
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOILDL

Quant Time: Nov 06 23:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	313050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	474206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	218895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	134435	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.92	113	137162	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.34	98	477652	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.64	95	163951	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	

Target Compounds

						Qvalue
16) Acetone	4.16	43	79731	194.647	ug/l	93
20) Methylene Chloride	4.97	84	110811	38.297	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	66817	21.955	ug/l	94
22) Diisopropyl ether	6.37	45	447026	82.031	ug/l #	93
25) 2-Butanone	7.21	43	64796	148.041	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	58576	18.544	ug/l	90
30) Chloroform	7.71	83	443473	83.382	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	313551	57.138	ug/l	100
42) 1,2-Dichloroethane	8.43	62	161679	47.592	ug/l	99
44) Trichloroethene	9.11	130	102274	28.289	ug/l	99
45) 1,2-Dichloropropane	9.39	63	76167	32.040	ug/l	99
46) Dibromomethane	9.48	93	108038	71.477	ug/l	97
47) Bromodichloromethane	9.67	83	146271	35.604	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	122004	122.402	ug/l	98
52) Toluene	10.41	92	442887	60.138	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	121138	60.571	ug/l	94
57) 1,3-Dichloropropane	10.95	76	84566	26.277	ug/l	99
60) Dibromochloromethane	11.14	129	80637	27.257	ug/l	100
61) 1,2-Dibromoethane	11.25	107	168349	83.873	ug/l	97
65) Chlorobenzene	11.67	112	234362	28.377	ug/l	99
67) Ethyl Benzene	11.75	91	1187663	84.037	ug/l	100
68) m/p-Xylenes	11.86	106	185250	33.693	ug/l	98
69) o-Xylene	12.18	106	166032	33.822	ug/l	99
70) Styrene	12.20	104	340041	39.753	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	78433	40.658	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	110200	83.453	ug/l #	100
87) 1,3-Dichlorobenzene	13.52	146	452485	68.254	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	468232	69.753	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	413435	72.058	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22689	66.429	ug/l	97
93) 1,2,4-Trichlorobenzene	15.17	180	218500	56.109	ug/l	99
95) Naphthalene	15.40	128	294125	48.942	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

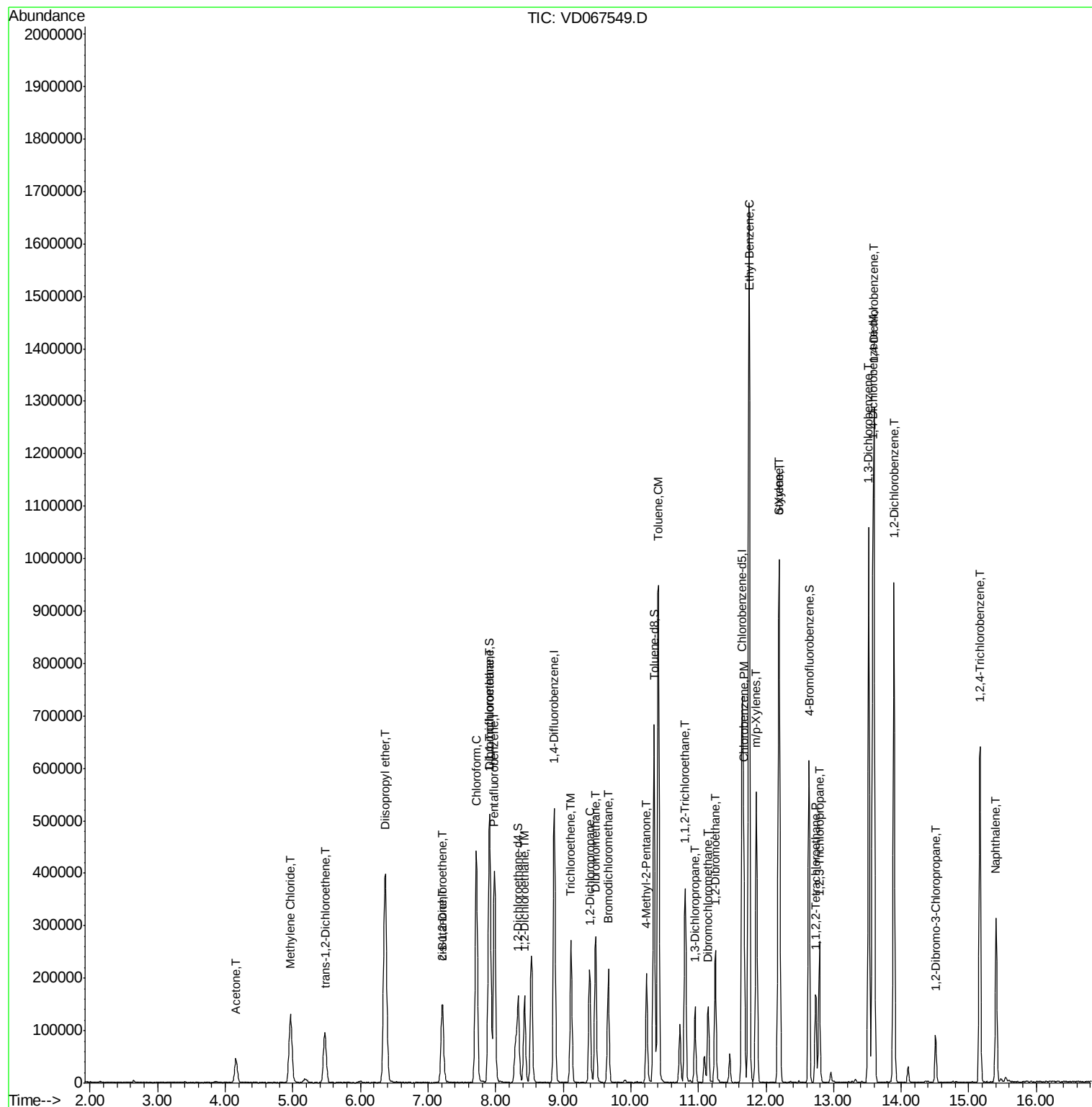
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

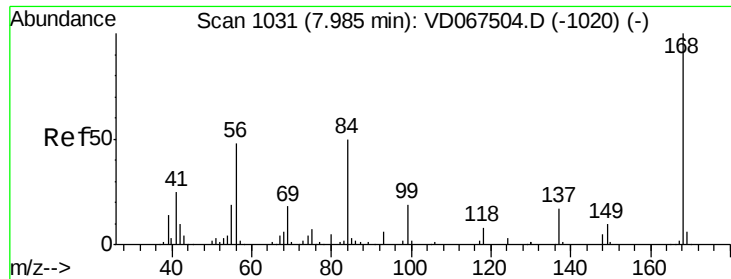
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

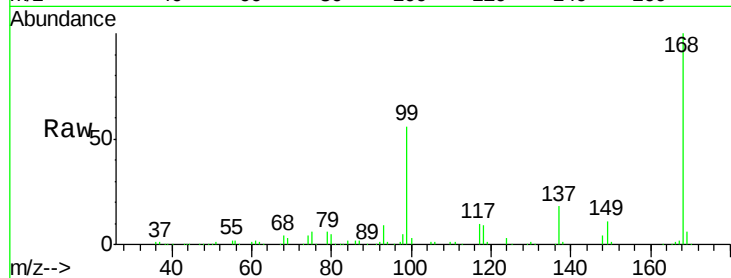
PT-VOA-SOILDL

Tot Ion:168 Resp: 313050

Ion Ratio Lower Upper

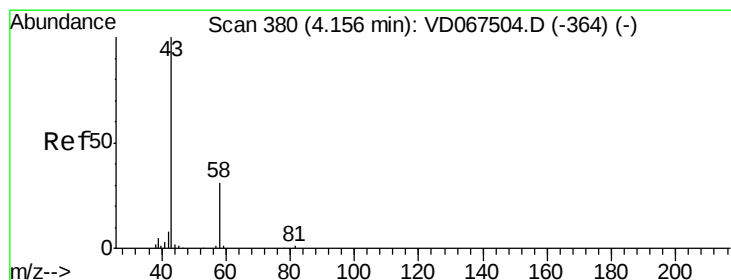
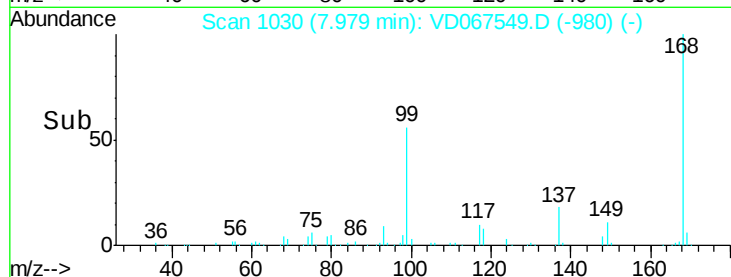
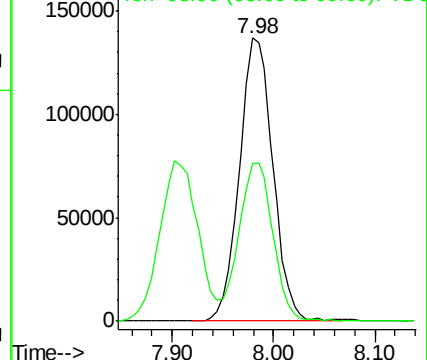
168 100

99 55.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 194.647 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067549.D

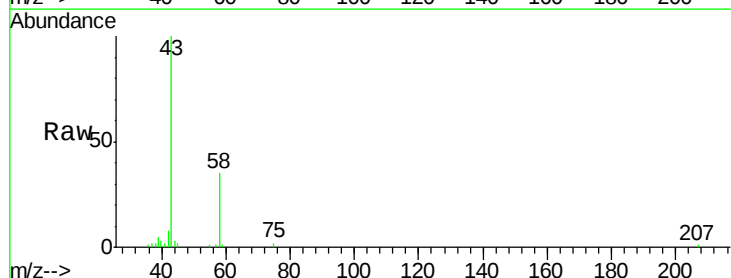
Acq: 06 Nov 2020 13:24

Tgt Ion: 43 Resp: 79731

Ion Ratio Lower Upper

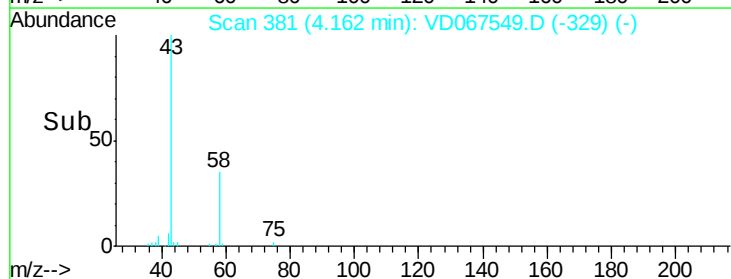
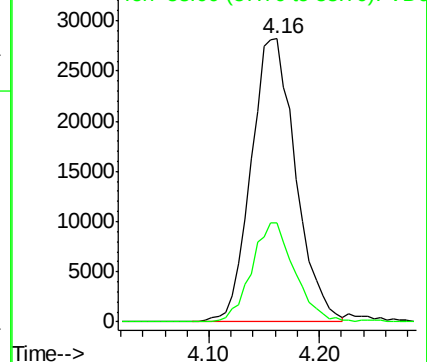
43 100

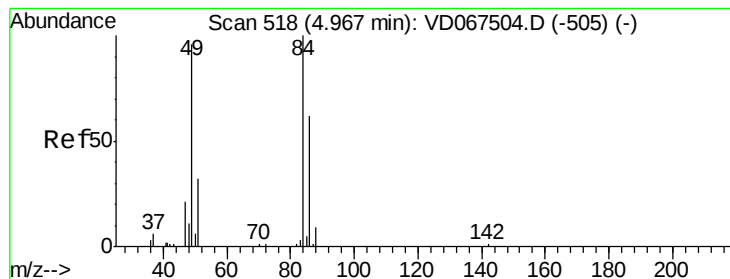
58 35.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 38.297 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOILDL

Tot Ion: 84 Resp: 110811

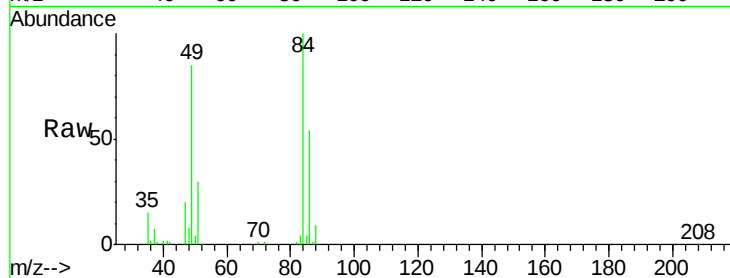
Ion Ratio Lower Upper

84 100

49 84.9 77.0 115.4

51 29.8 25.4 38.2

86 54.0 49.4 74.0

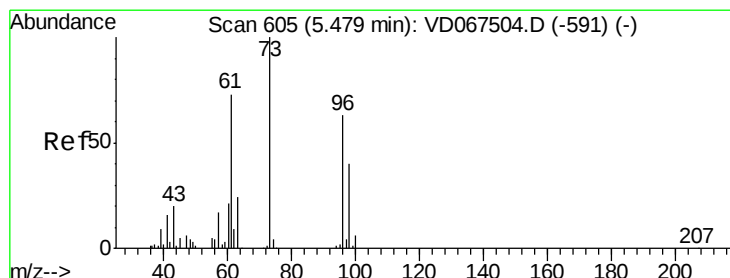
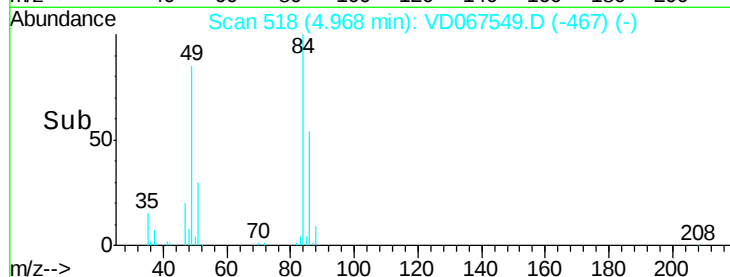
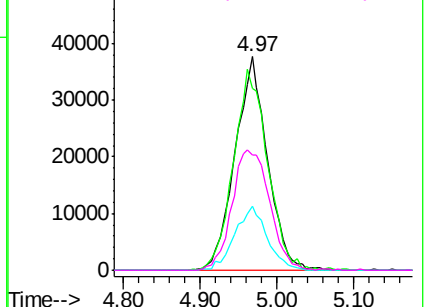


Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#21

trans-1,2-Dichloroethene

Concen: 21.955 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

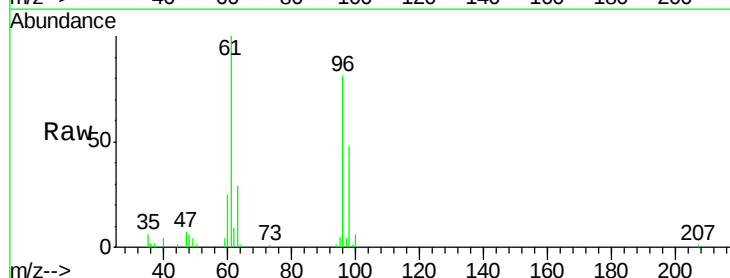
Tgt Ion: 96 Resp: 66817

Ion Ratio Lower Upper

96 100

61 123.8 93.0 139.6

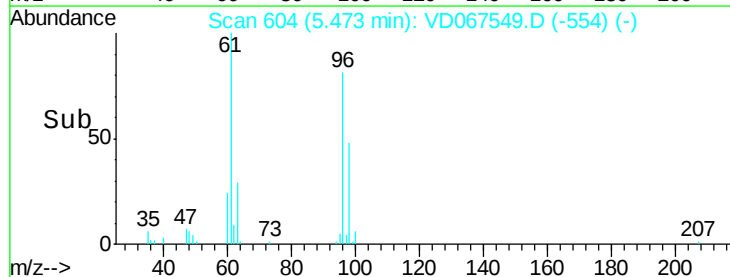
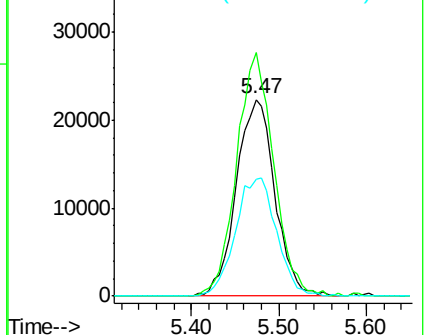
98 59.2 50.9 76.3

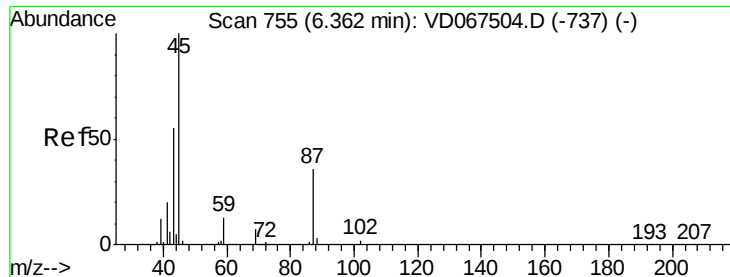


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#22

Diisopropyl ether

Concen: 82.031 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

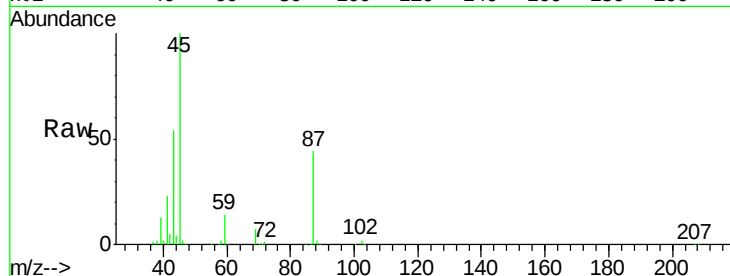
ClientSampleId :

PT-VOA-SOILDL

Tot Ion: 45 Resp: 447026

Ion Ratio Lower Upper

45	100		
43	53.8	46.2	69.4
87	44.3	29.4	44.2
59	14.0	10.8	16.2

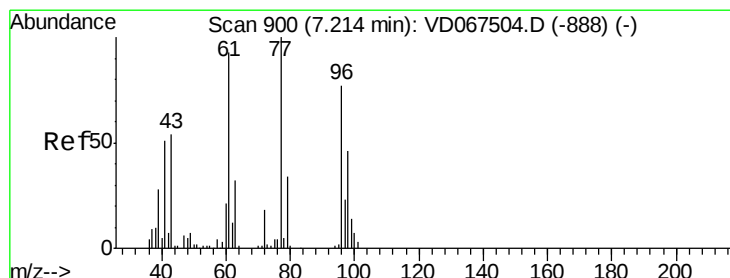
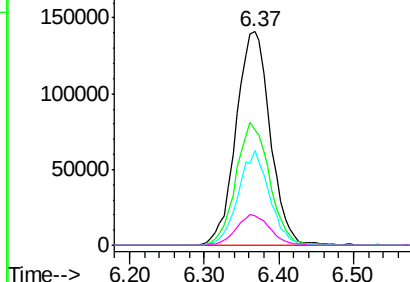
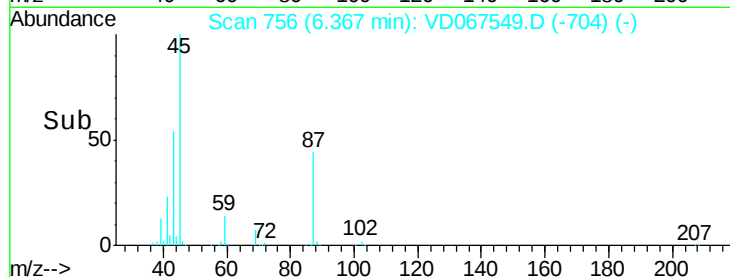


Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC



#25

2-Butanone

Concen: 148.041 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

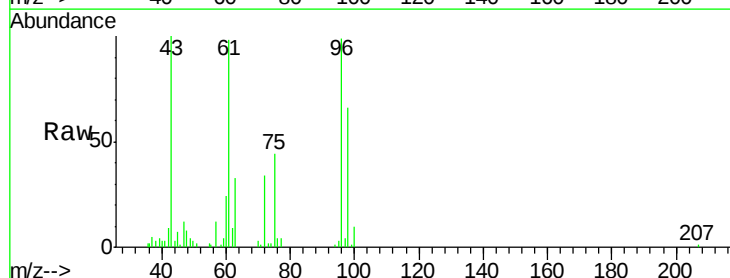
Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Tgt Ion: 43 Resp: 64796

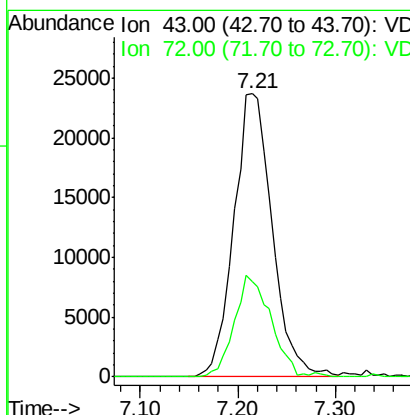
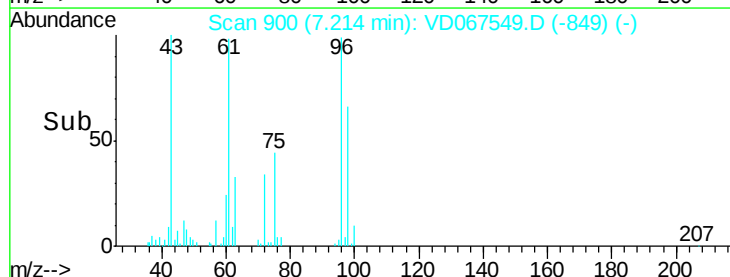
Ion Ratio Lower Upper

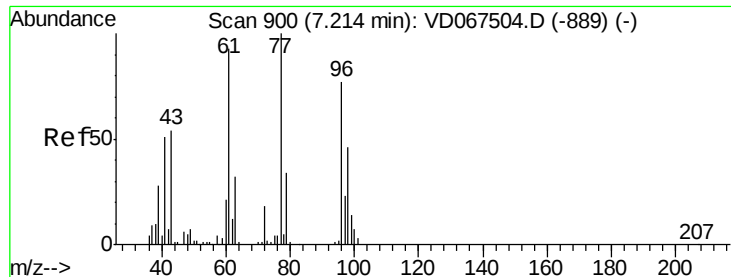
43	100		
72	33.7	26.4	39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#27

cis-1,2-Dichloroethene

Concen: 18.544 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

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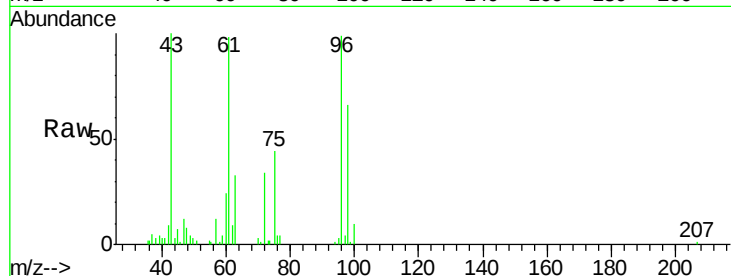
Tot Ion: 96 Resp: 58576

Ion Ratio Lower Upper

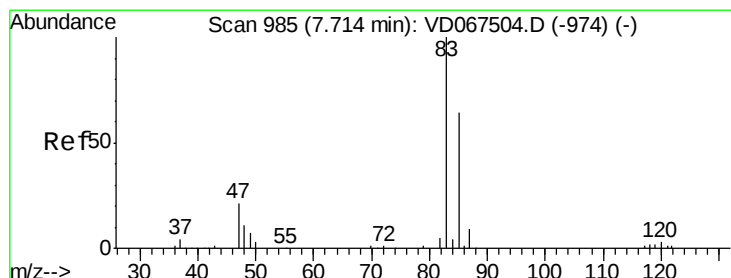
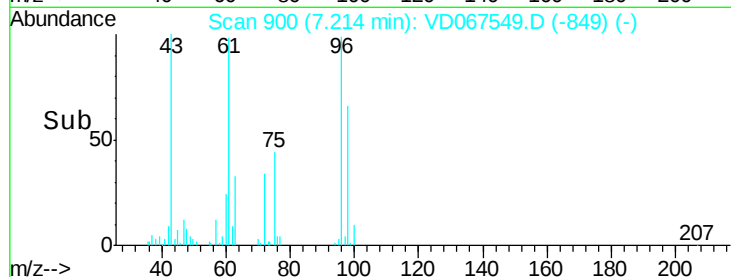
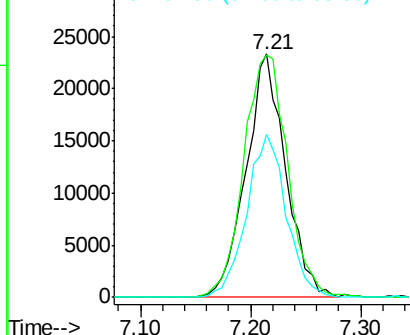
96 100

61 110.5 0.0 251.6

98 67.0 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#30

Chloroform

Concen: 83.382 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067549.D

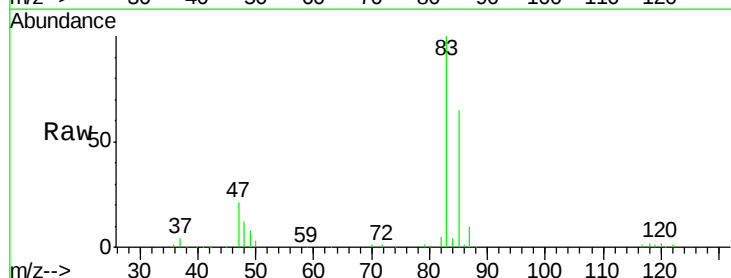
Acq: 06 Nov 2020 13:24

Tgt Ion: 83 Resp: 443473

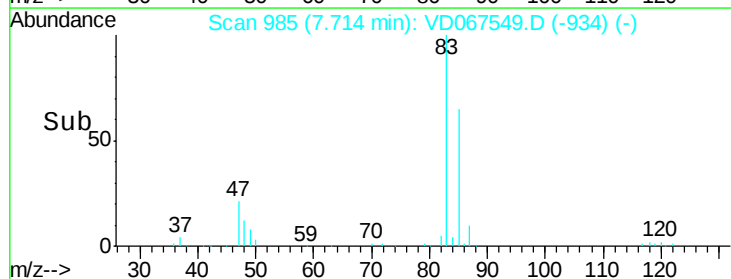
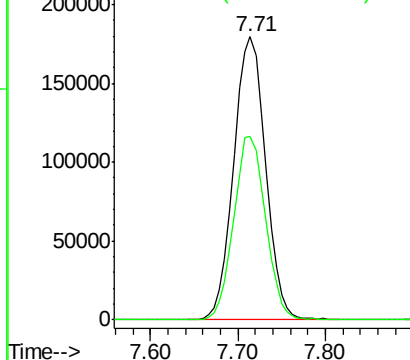
Ion Ratio Lower Upper

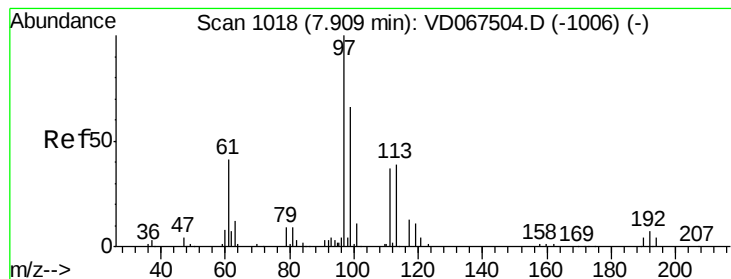
83 100

85 64.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#32

1,1,1-Trichloroethane

Concen: 57.138 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

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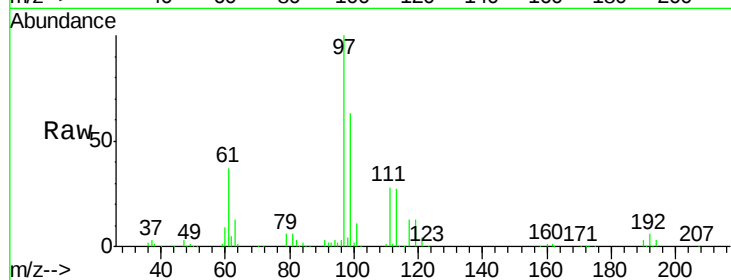
Tot Ion: 97 Resp: 313551

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

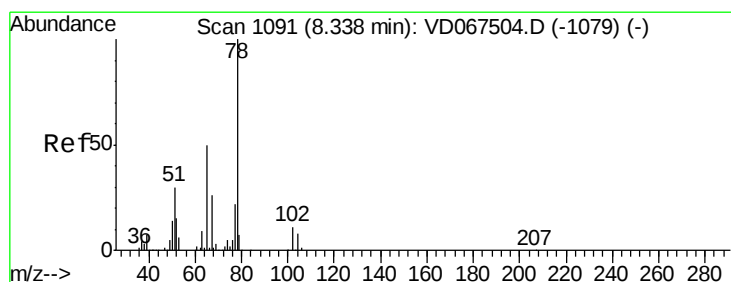
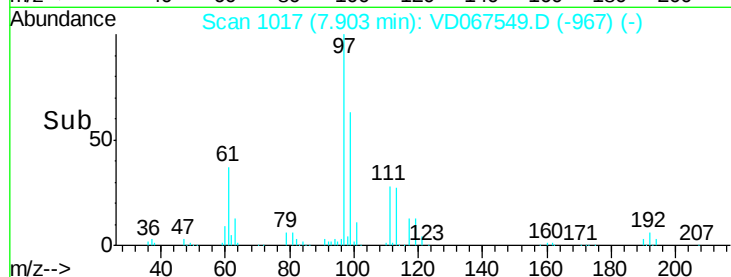
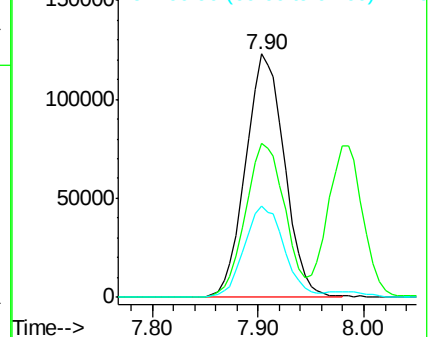
61 38.2 30.5 45.7



Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.113 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067549.D

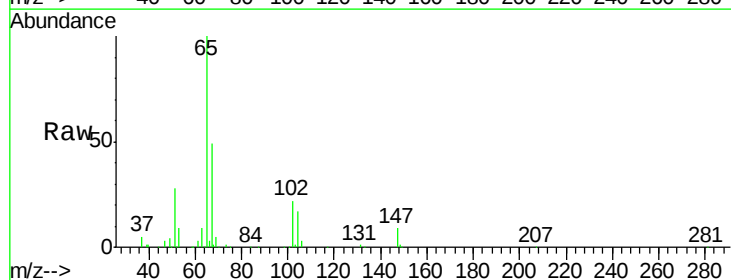
Acq: 06 Nov 2020 13:24

Tgt Ion: 65 Resp: 134435

Ion Ratio Lower Upper

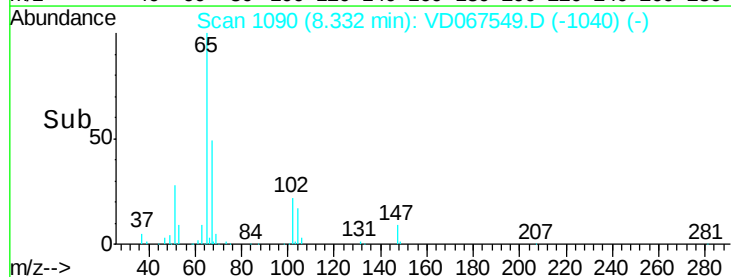
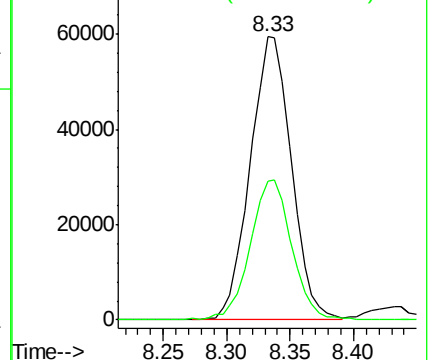
65 100

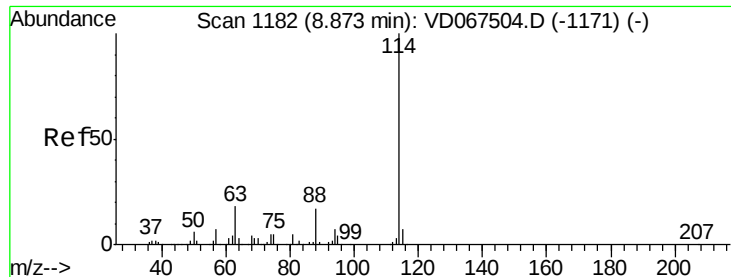
67 49.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

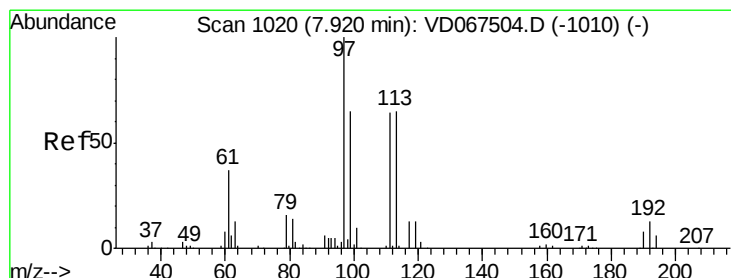
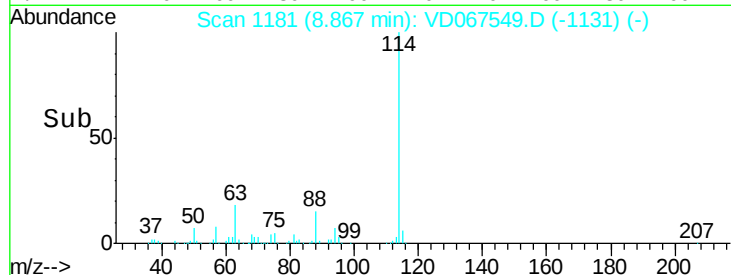
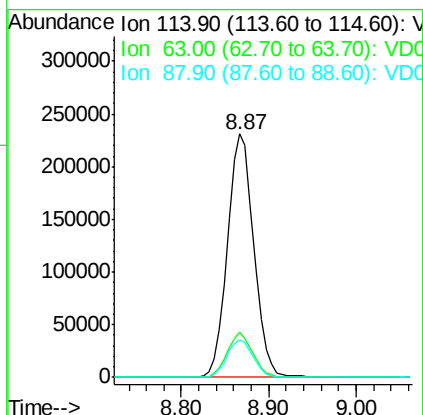
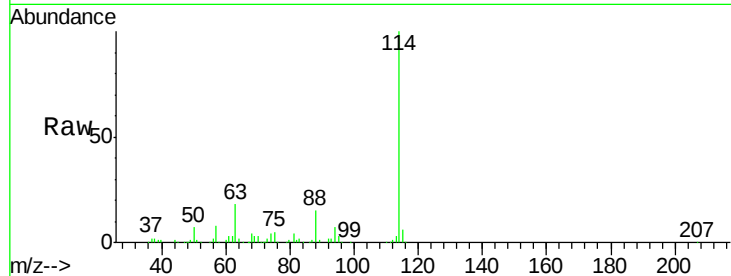




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

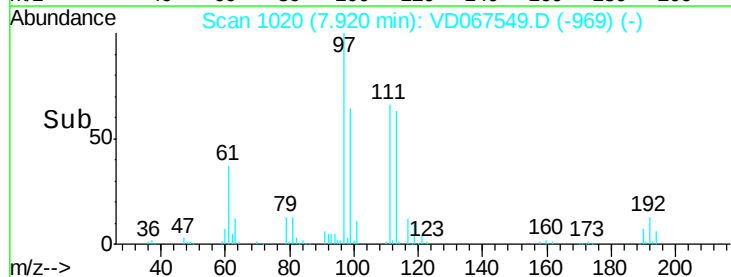
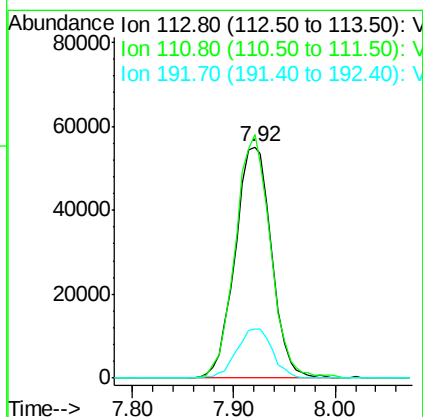
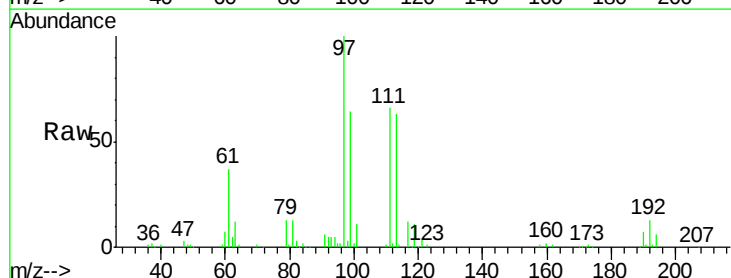
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILD

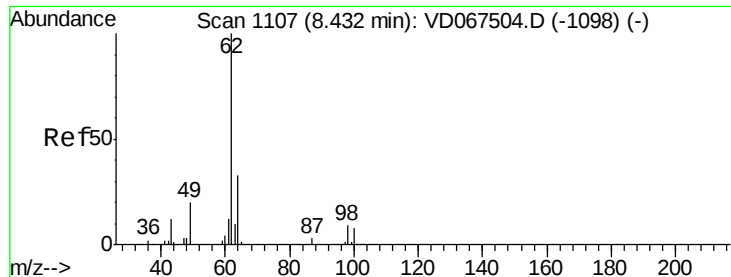
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.0
88	15.4	0.0	33.0



#35
Dibromofluoromethane
Concen: 48.008 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.0	120.0
192	21.0	16.3	24.5





#42

1,2-Dichloroethane

Concen: 47.592 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

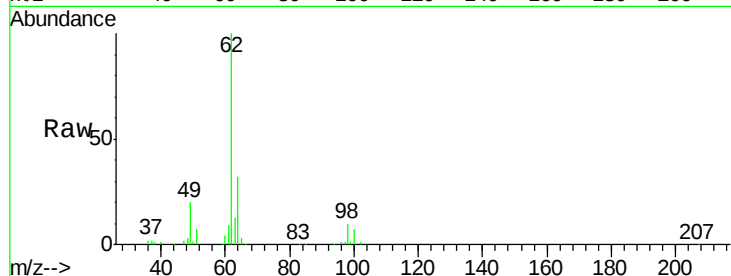
PT-VOA-SOILDL

Tot Ion: 62 Resp: 161679

Ion Ratio Lower Upper

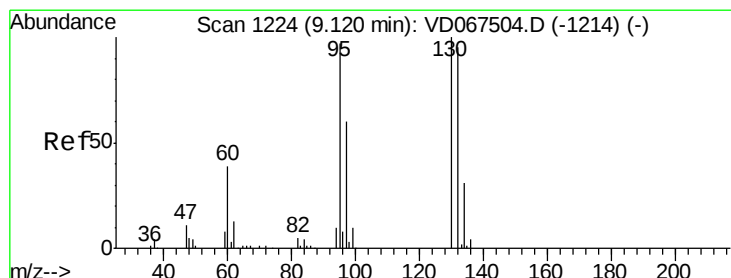
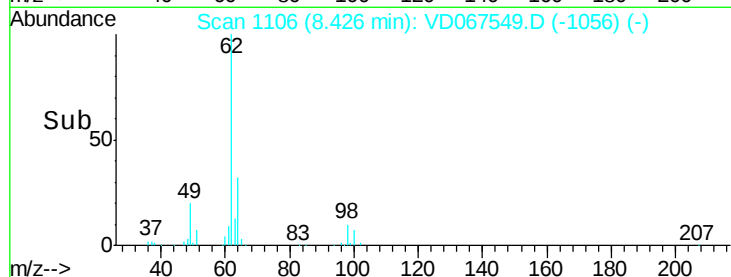
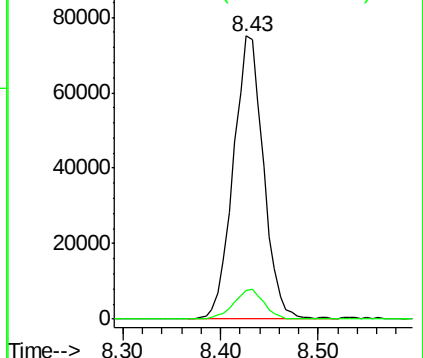
62 100

98 10.4 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#44

Trichloroethene

Concen: 28.289 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067549.D

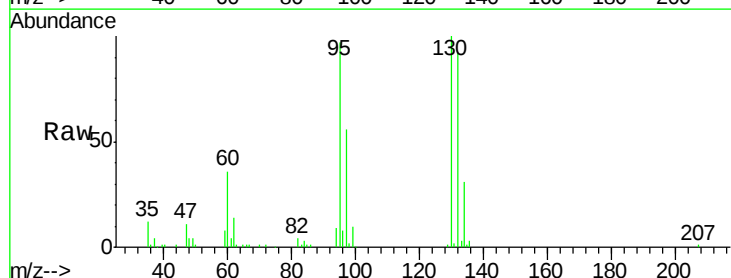
Acq: 06 Nov 2020 13:24

Tgt Ion:130 Resp: 102274

Ion Ratio Lower Upper

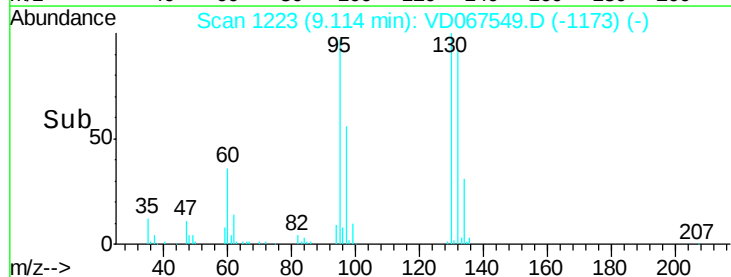
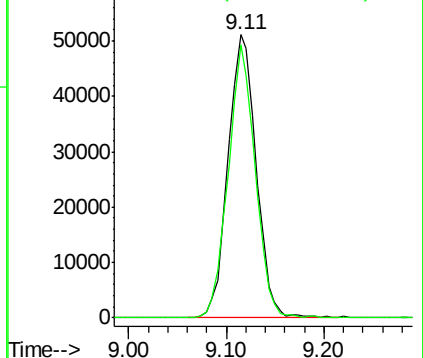
130 100

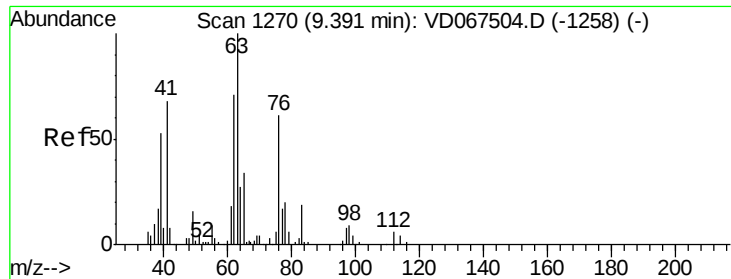
95 96.5 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

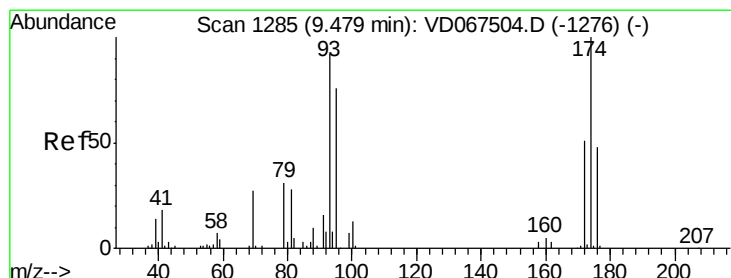
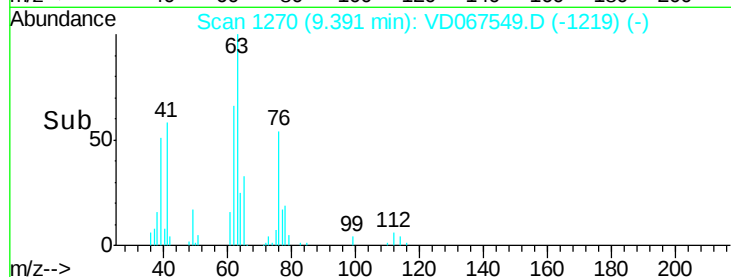
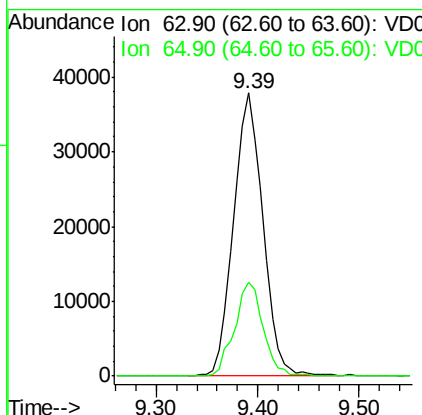
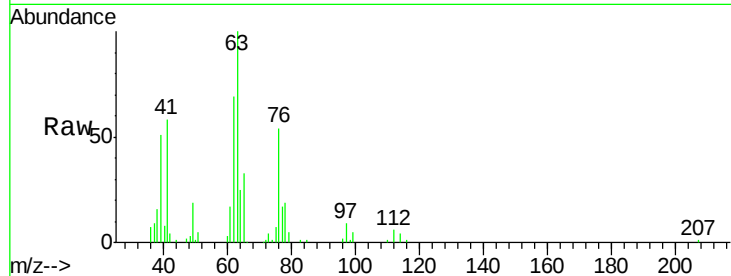




#45
 1,2-Dichloropropane
 Concen: 32.040 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067549.D
 Acq: 06 Nov 2020 13:24

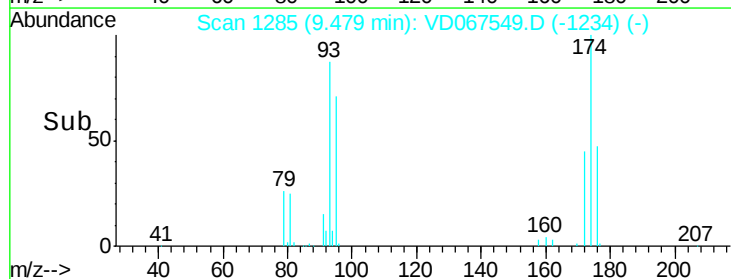
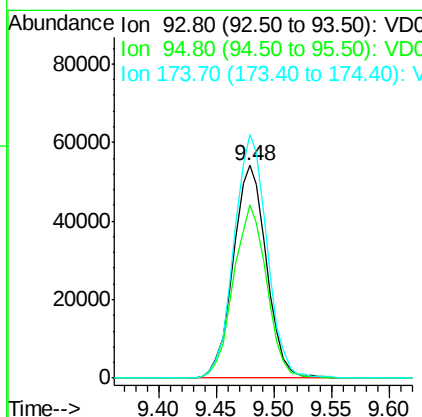
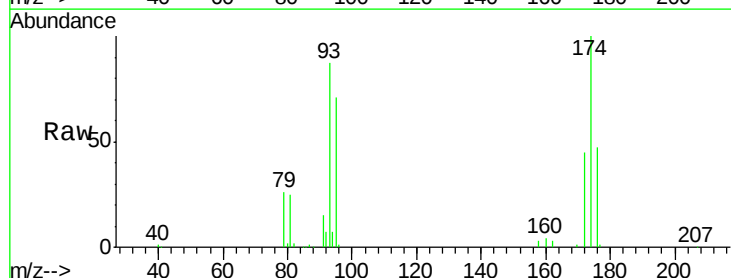
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOILDL

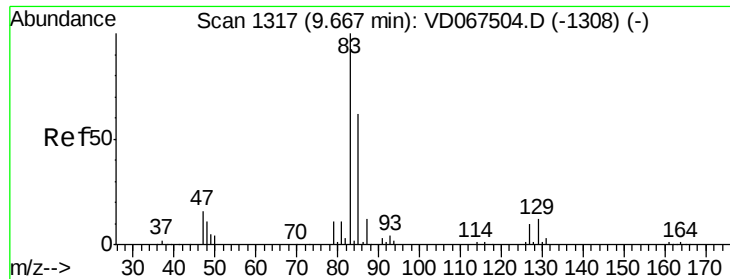
Tot Ion: 63 Resp: 76167
 Ion Ratio Lower Upper
 63 100
 65 33.2 26.9 40.3



#46
 Dibromomethane
 Concen: 71.477 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067549.D
 Acq: 06 Nov 2020 13:24

Tgt Ion: 93 Resp: 108038
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.4 99.6
 174 113.8 88.2 132.4





#47

Bromodichloromethane

Concen: 35.604 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOILDL

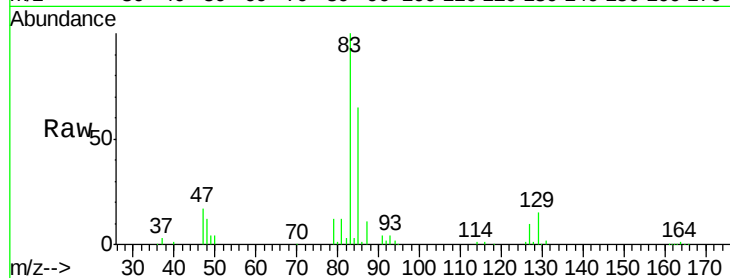
Tot Ion: 83 Resp: 146271

Ion Ratio Lower Upper

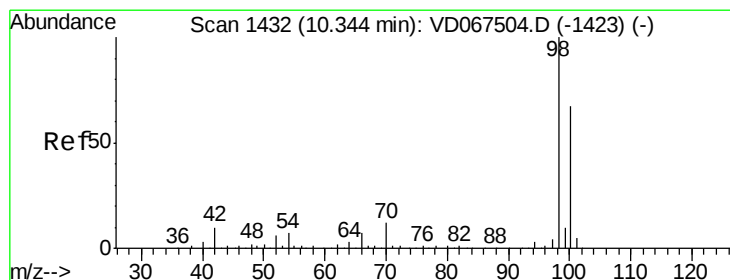
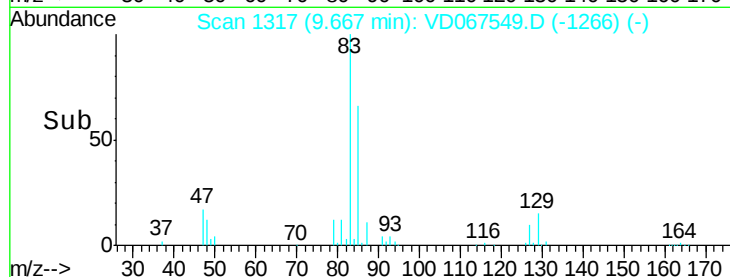
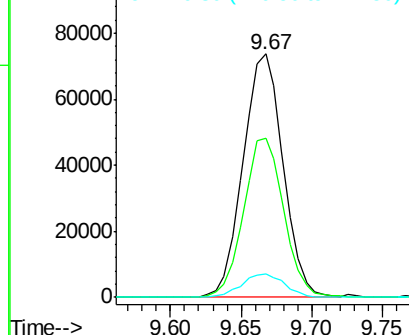
83 100

85 65.5 49.4 74.2

127 9.5 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 47.573 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067549.D

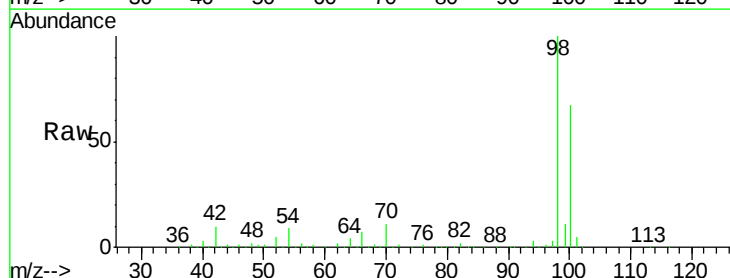
Acq: 06 Nov 2020 13:24

Tgt Ion: 98 Resp: 477652

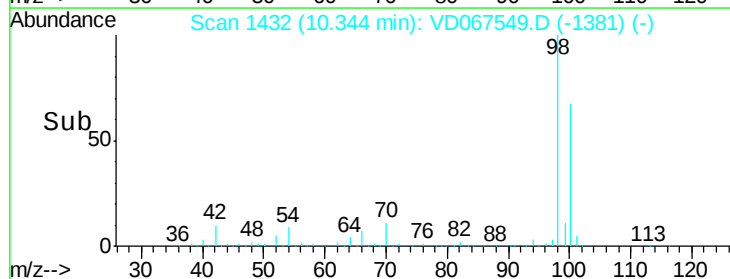
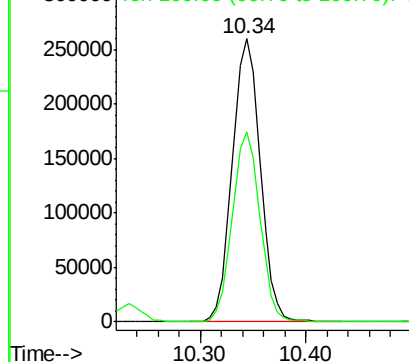
Ion Ratio Lower Upper

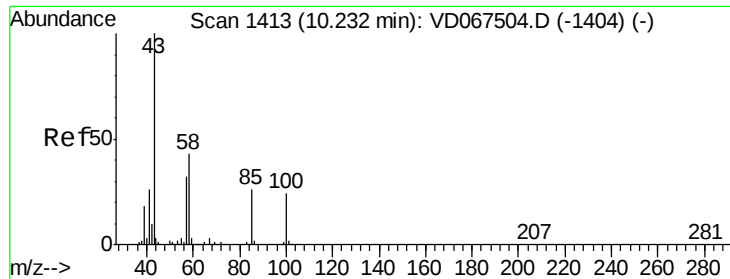
98 100

100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 122.402 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

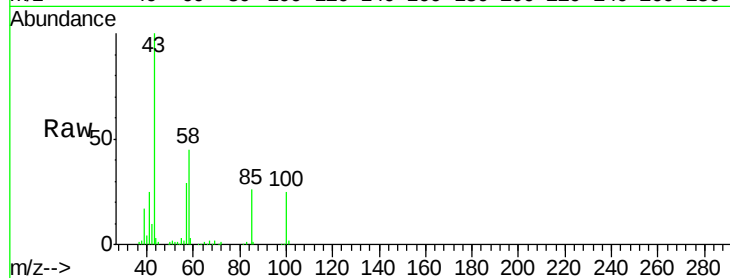
PT-VOA-SOILDL

Tot Ion: 43 Resp: 122004

Ion Ratio Lower Upper

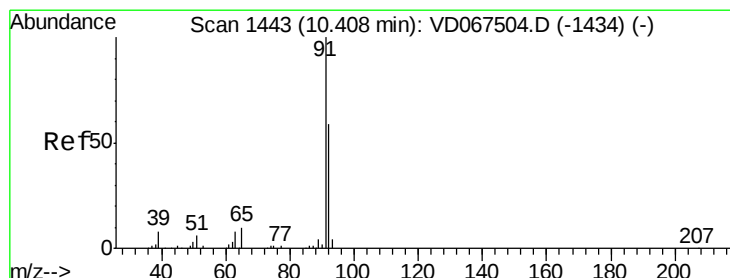
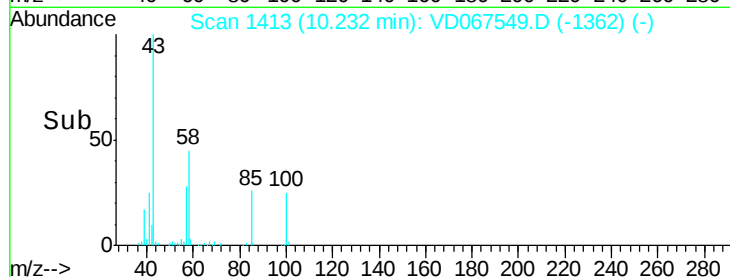
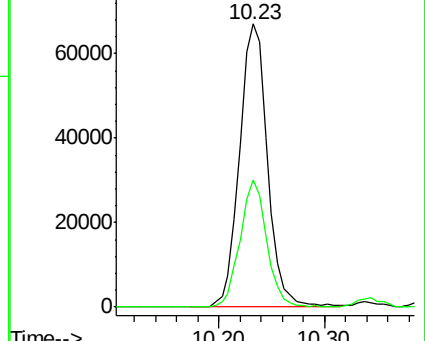
43 100

58 43.1 35.6 53.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 60.138 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067549.D

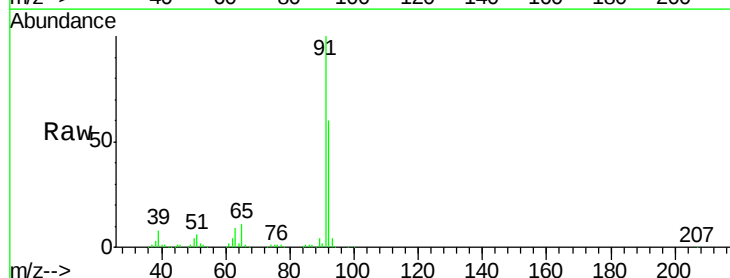
Acq: 06 Nov 2020 13:24

Tgt Ion: 92 Resp: 442887

Ion Ratio Lower Upper

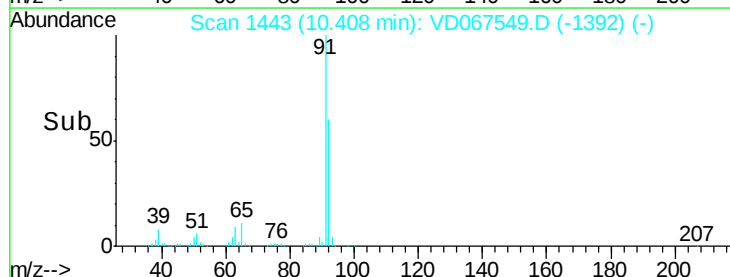
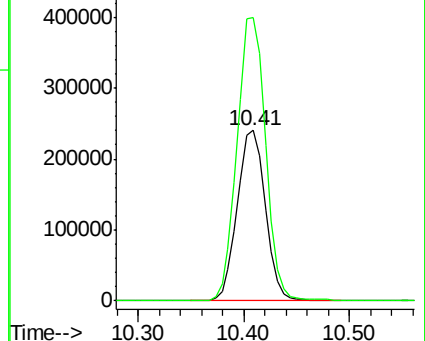
92 100

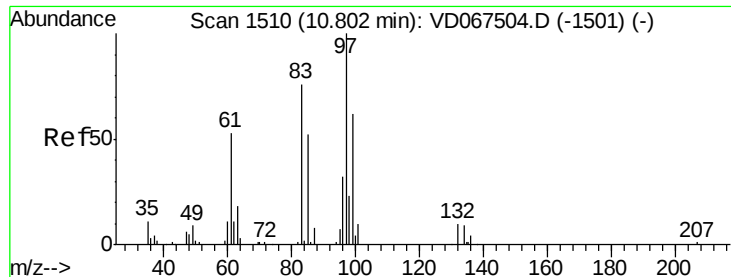
91 168.8 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#55

1,1,2-Trichloroethane

Concen: 60.571 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOILDL

Tot Ion: 97 Resp: 121138

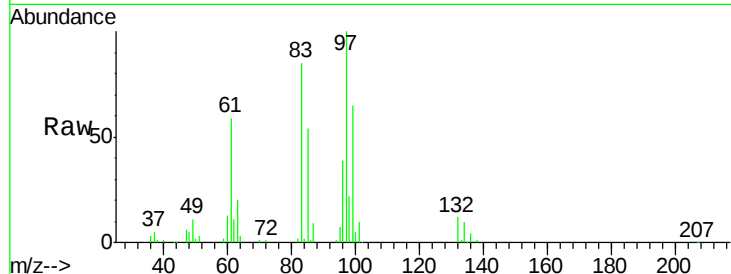
Ion	Ratio	Lower	Upper
97	100		
83	85.4	61.0	91.6
85	54.1	41.5	62.3
99	64.6	49.4	74.2

97 100

83 85.4 61.0 91.6

85 54.1 41.5 62.3

99 64.6 49.4 74.2

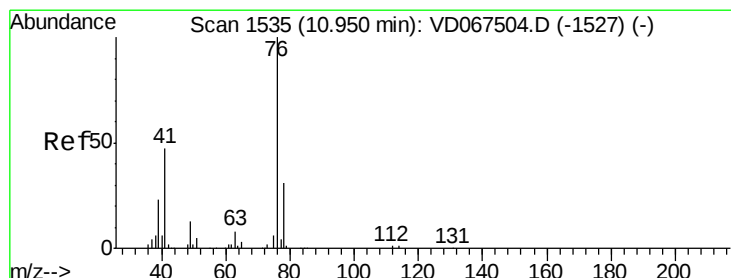
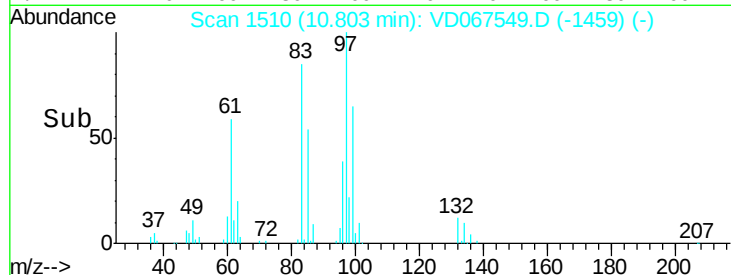
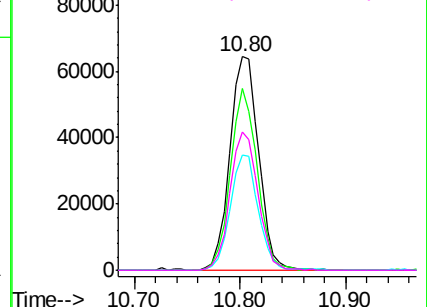


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#57

1,3-Dichloropropane

Concen: 26.277 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067549.D

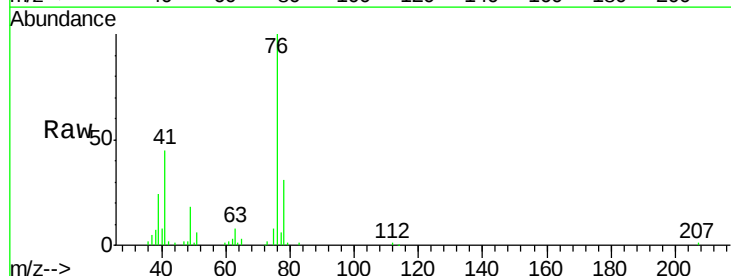
Acq: 06 Nov 2020 13:24

Tgt Ion: 76 Resp: 84566

Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.1	39.1

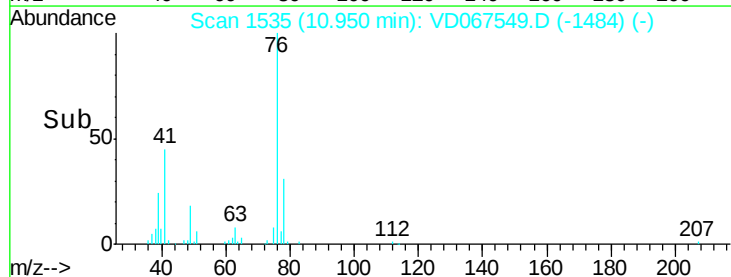
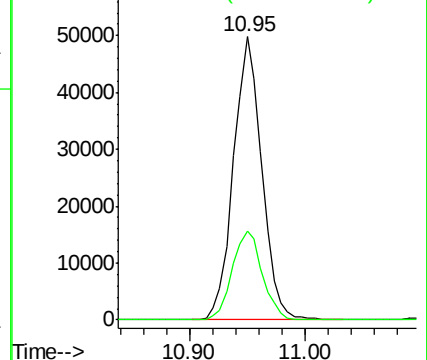
76 100

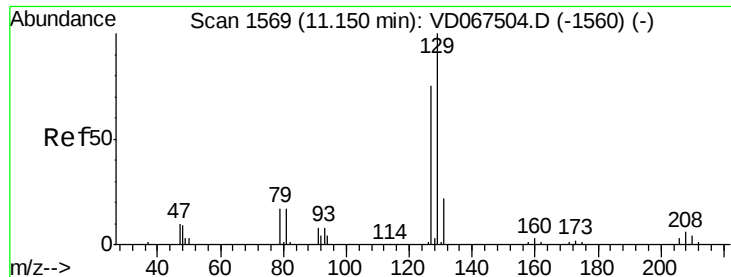
78 33.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC





#60

Dibromochloromethane

Concen: 27.257 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

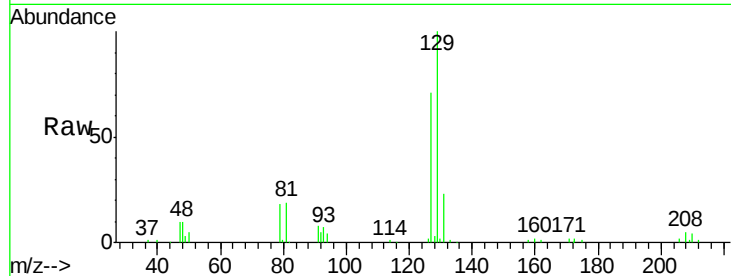
PT-VOA-SOILD

Tot Ion:129 Resp: 80637

Ion Ratio Lower Upper

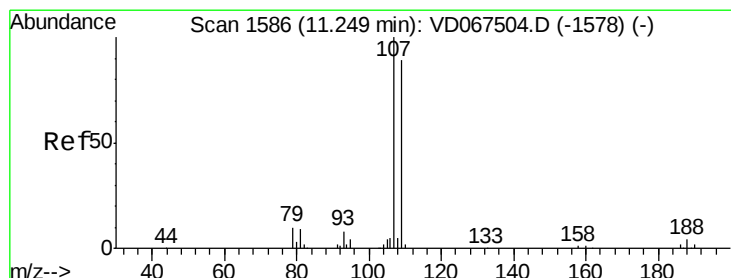
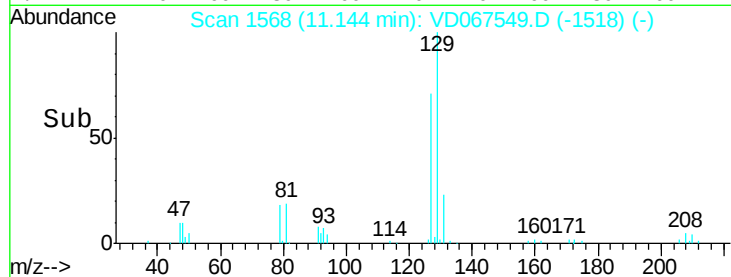
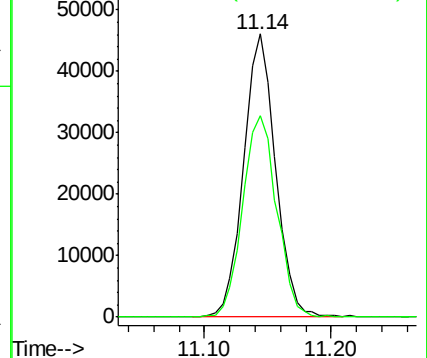
129 100

127 75.9 38.0 114.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 83.873 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067549.D

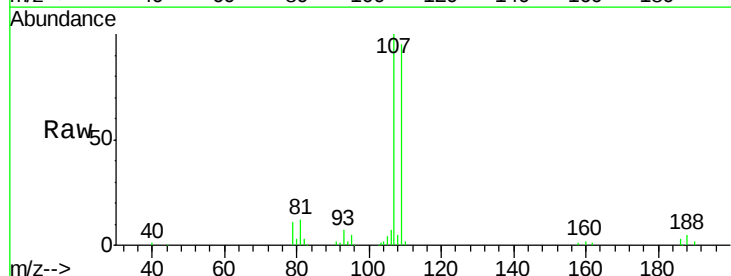
Acq: 06 Nov 2020 13:24

Tgt Ion:107 Resp: 168349

Ion Ratio Lower Upper

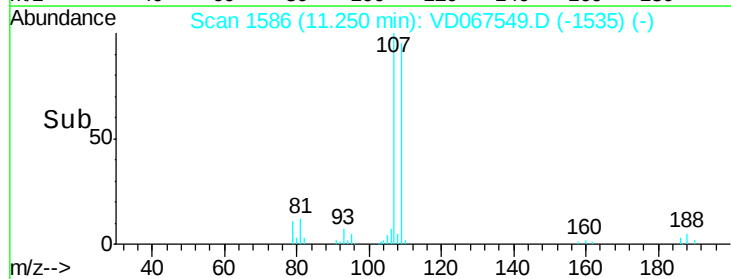
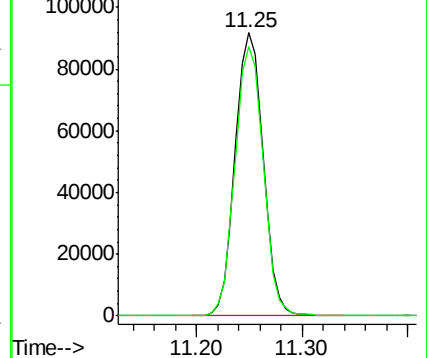
107 100

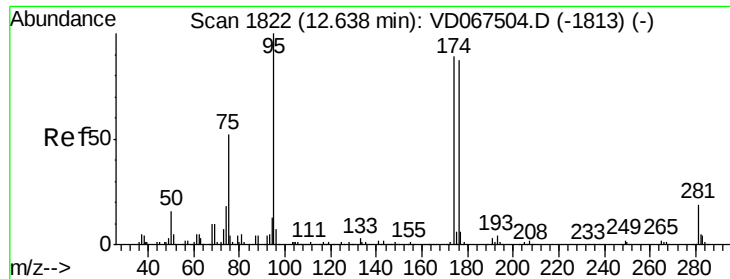
109 95.9 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

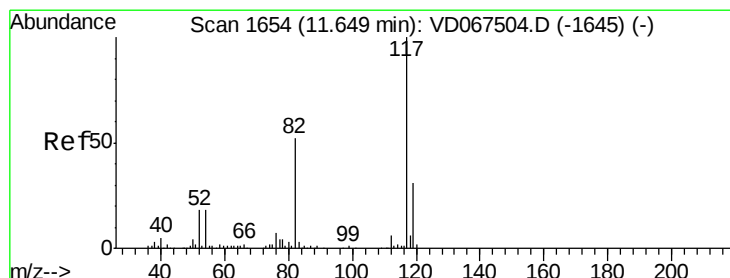
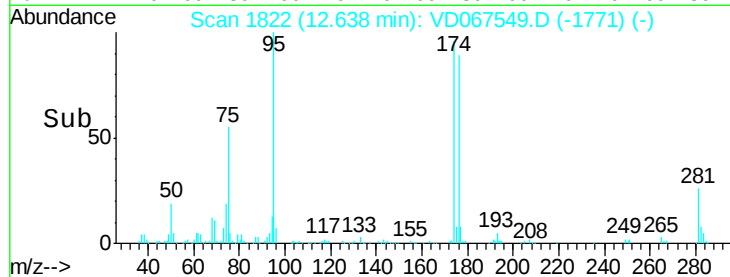
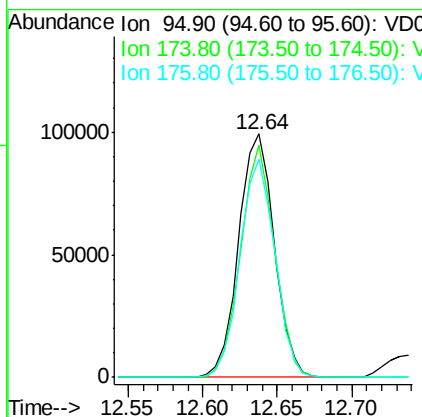
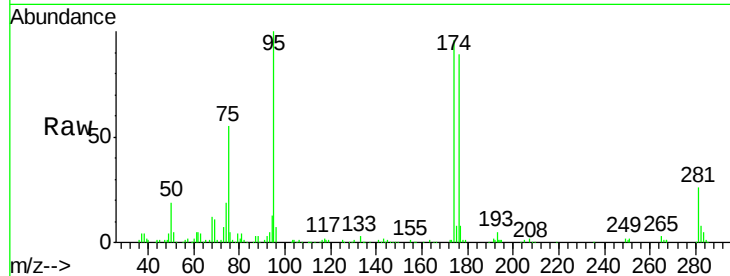




#62
4-Bromofluorobenzene
Concen: 47.297 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

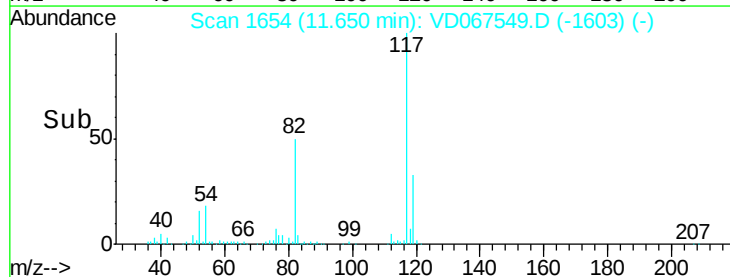
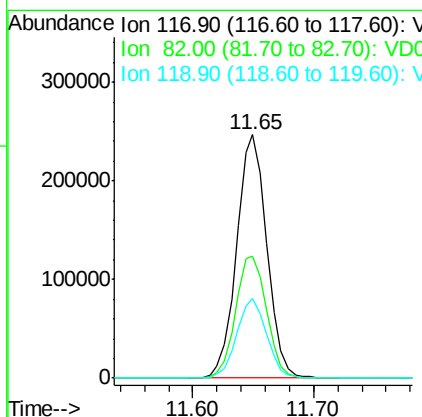
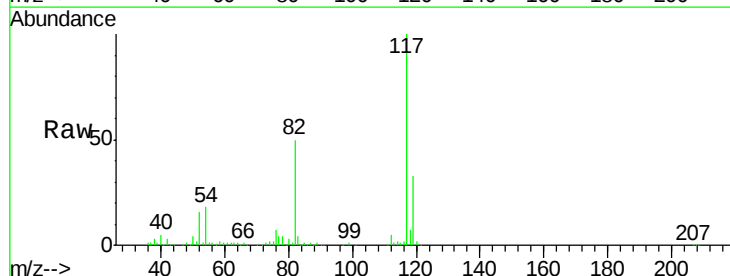
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

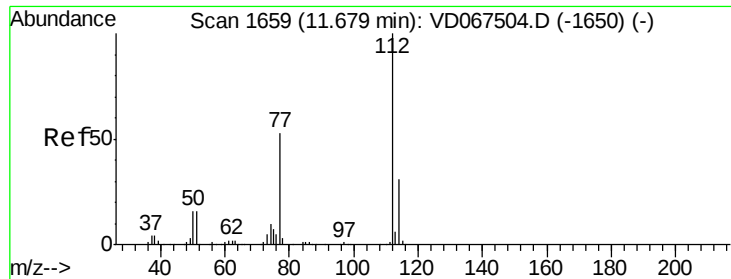
Tot Ion: 95 Resp: 163951
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.8
176 88.2 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

Tgt Ion: 117 Resp: 428751
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 32.7 25.1 37.7

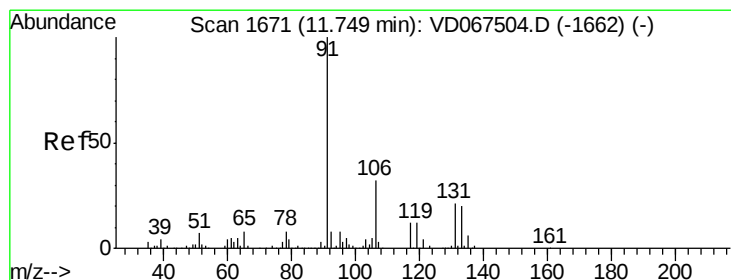
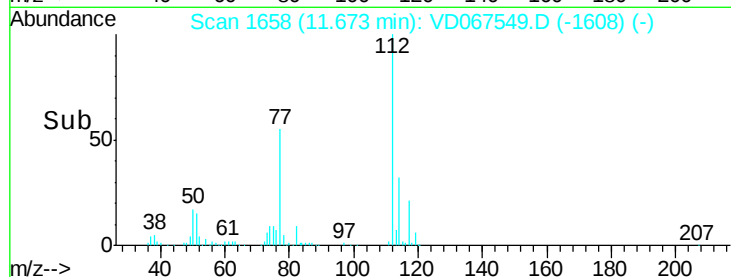
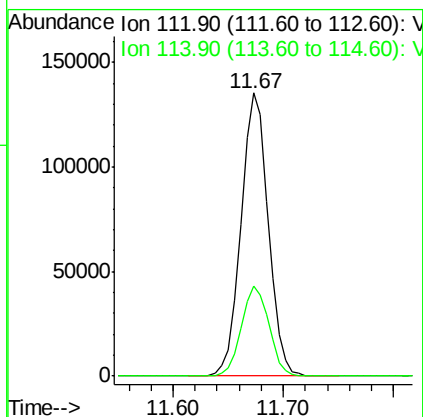
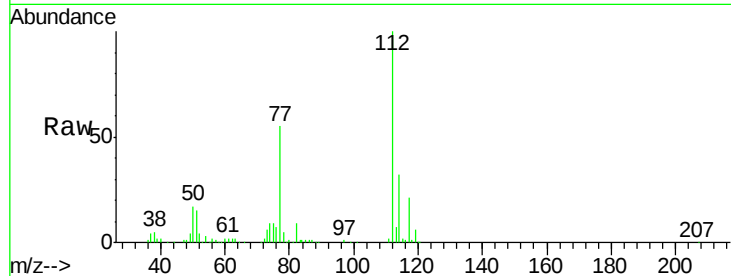




#65
Chlorobenzene
Concen: 28.377 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

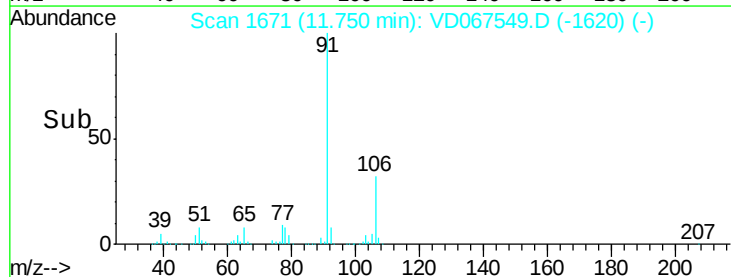
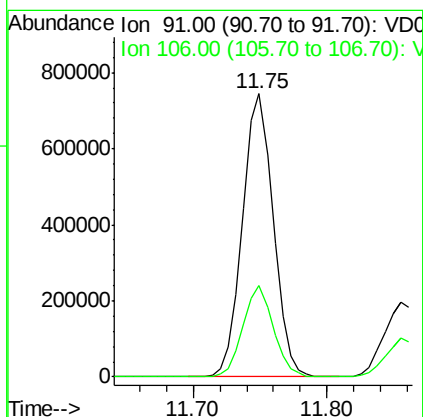
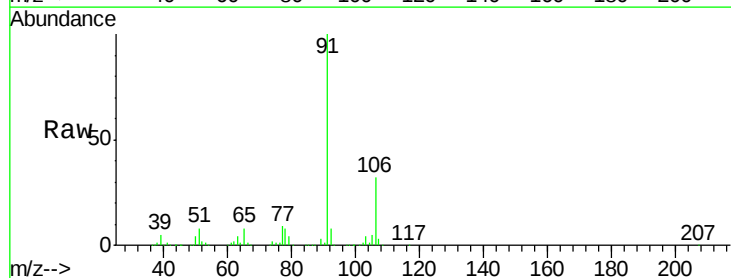
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

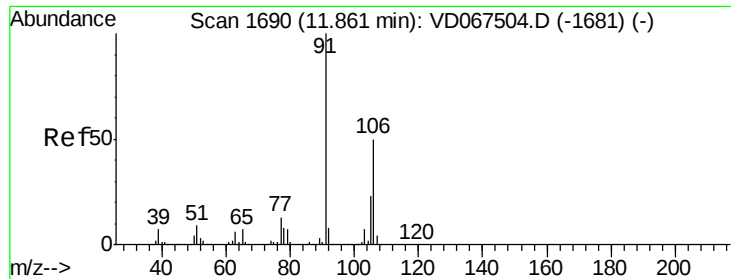
Tot Ion:112 Resp: 234362
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3



#67
Ethyl Benzene
Concen: 84.037 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

Tgt Ion: 91 Resp: 1187663
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5

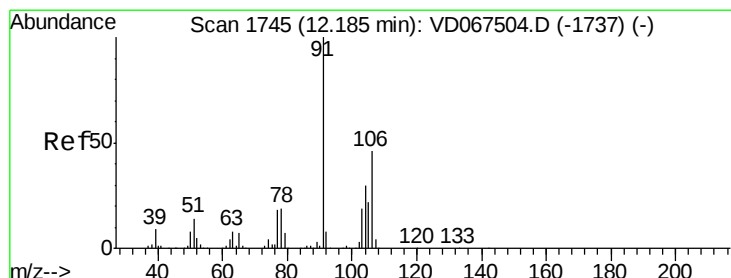
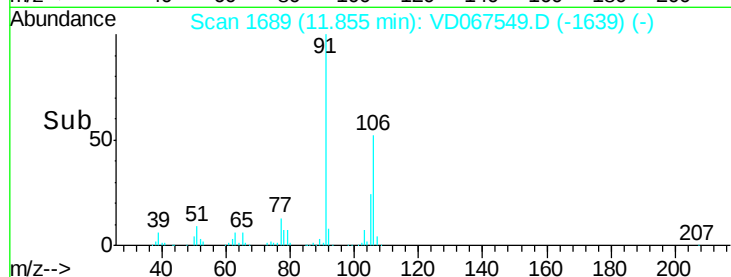
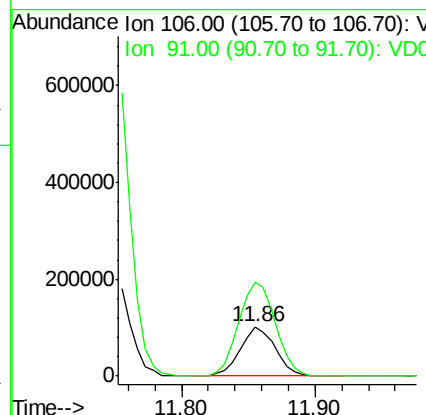
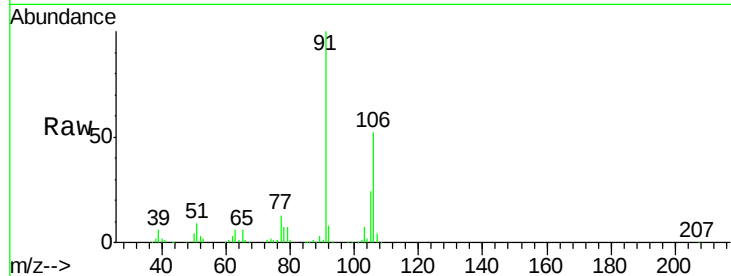




#68
m/p-Xylenes
Concen: 33.693 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

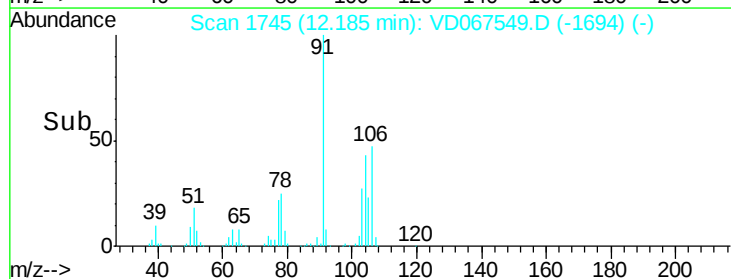
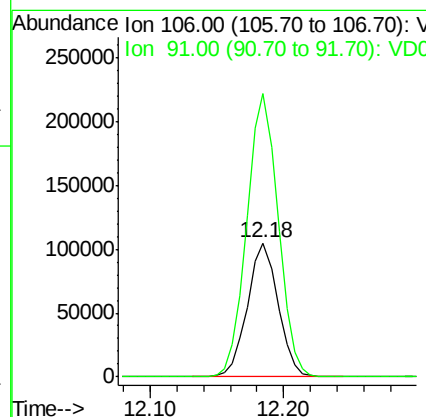
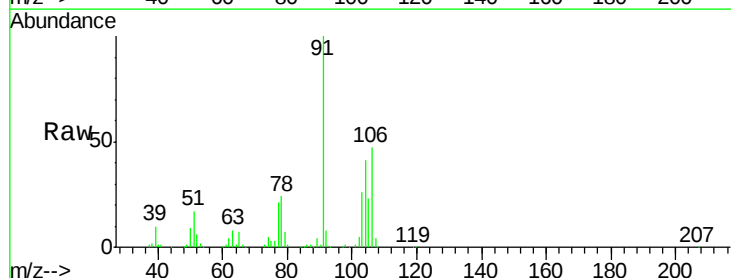
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

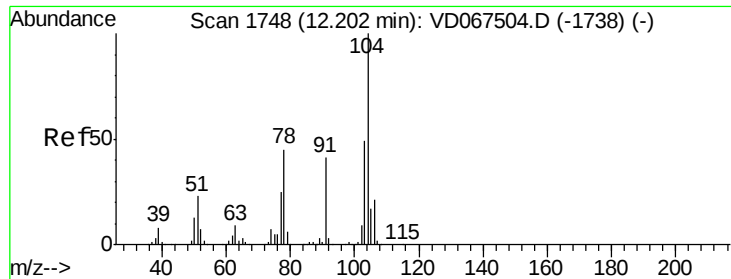
Tot Ion:106 Resp: 185250
Ion Ratio Lower Upper
106 100
91 200.7 162.6 244.0



#69
o-Xylene
Concen: 33.822 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

Tgt Ion:106 Resp: 166032
Ion Ratio Lower Upper
106 100
91 215.9 107.1 321.1





#70

Stvrene

Concen: 39.753 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOILDL

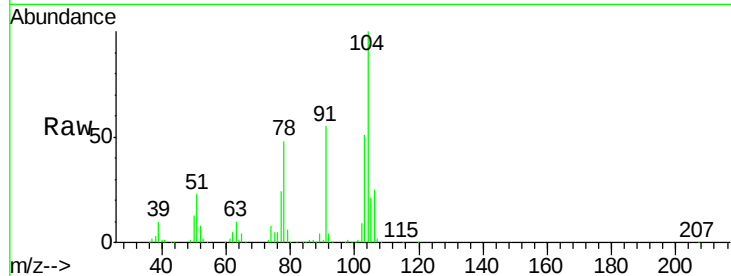
Tot Ion:104 Resp: 340041

Ion Ratio Lower Upper

104 100

78 50.3 39.8 59.8

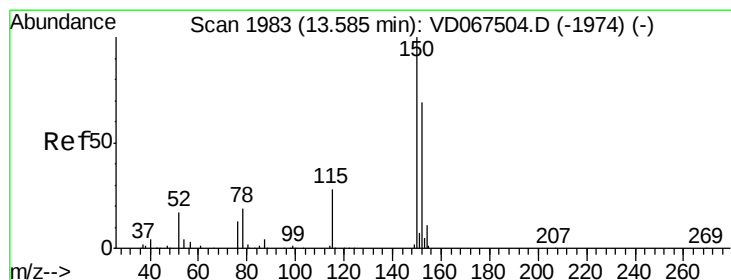
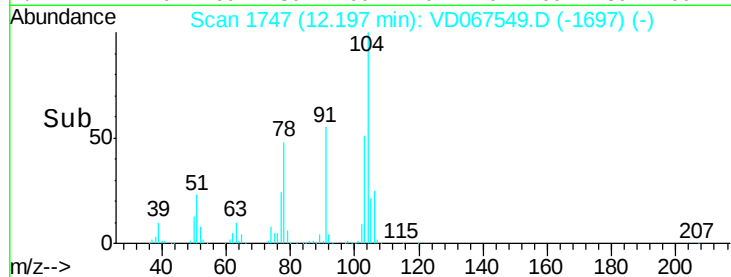
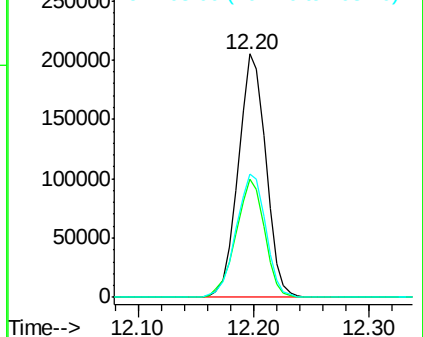
103 54.4 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

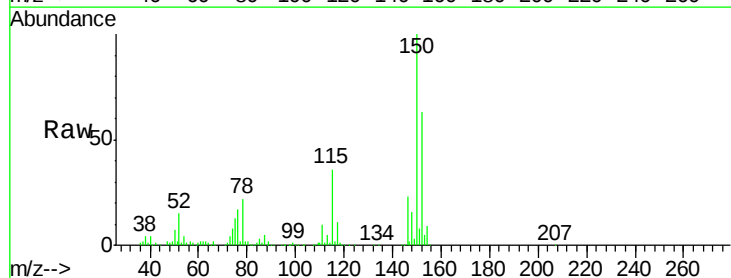
Tgt Ion:152 Resp: 218895

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

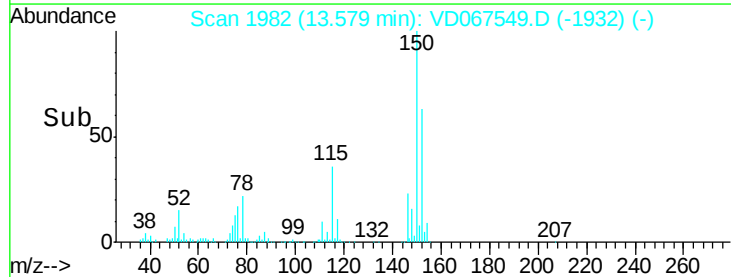
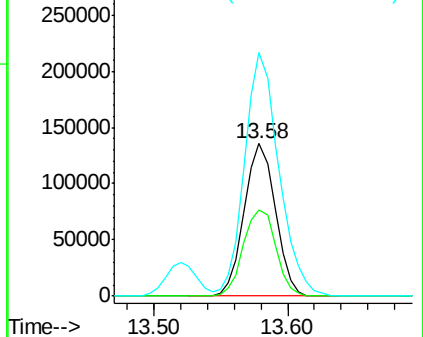
150 175.6 0.0 338.2

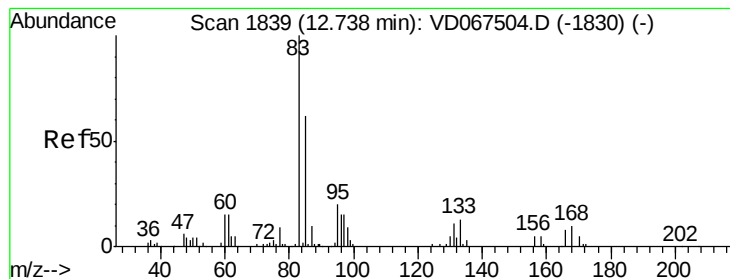


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: 40.658 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOILDL

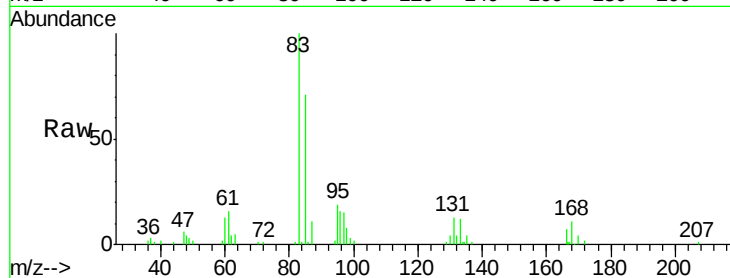
Tot Ion: 83 Resp: 78433

Ion Ratio Lower Upper

83 100

131 12.3 7.1 21.3

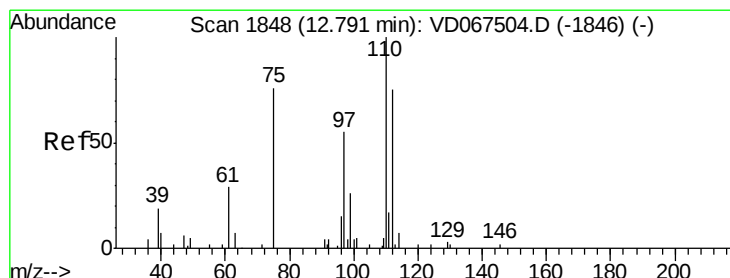
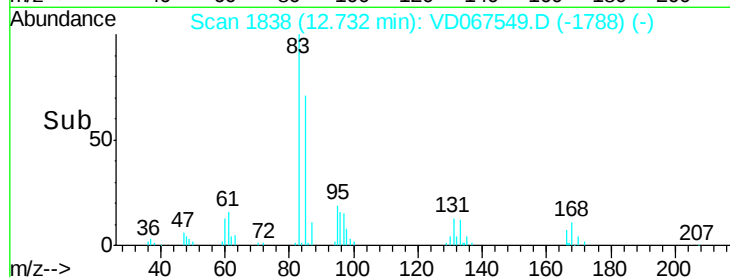
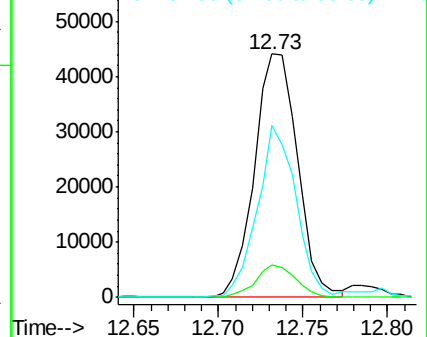
85 64.2 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 83.453 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067549.D

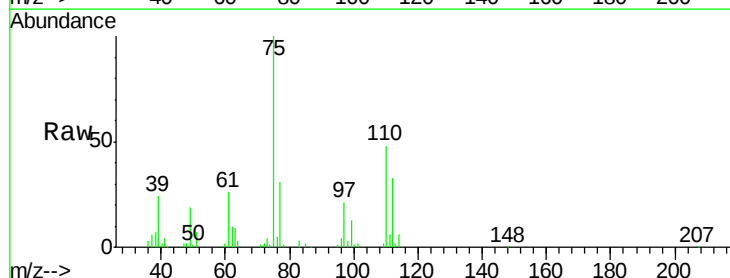
Acq: 06 Nov 2020 13:24

Tgt Ion: 75 Resp: 110200

Ion Ratio Lower Upper

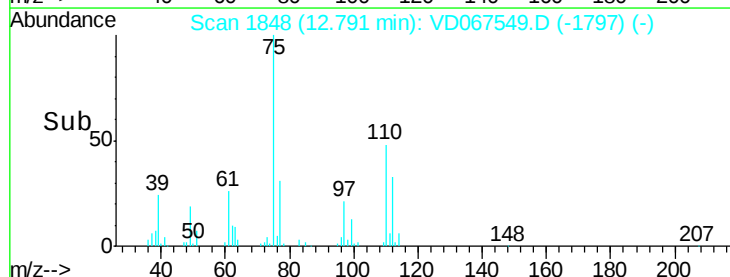
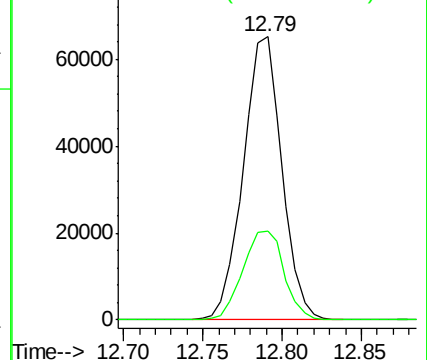
75 100

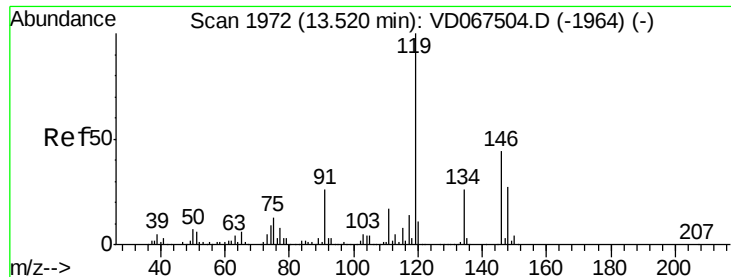
77 33.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#87

1,3-Dichlorobenzene

Concen: 68.254 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOILDL

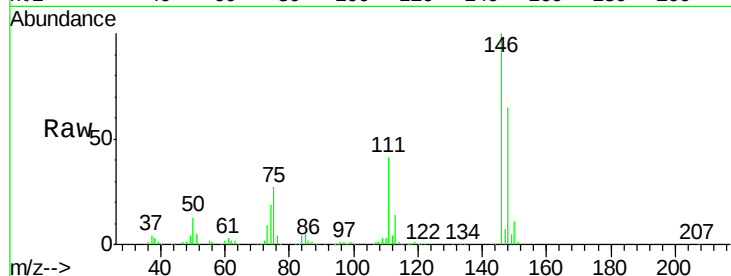
Tot Ion:146 Resp: 452485

Ion Ratio Lower Upper

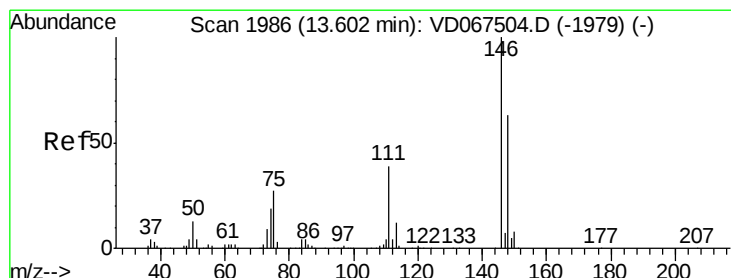
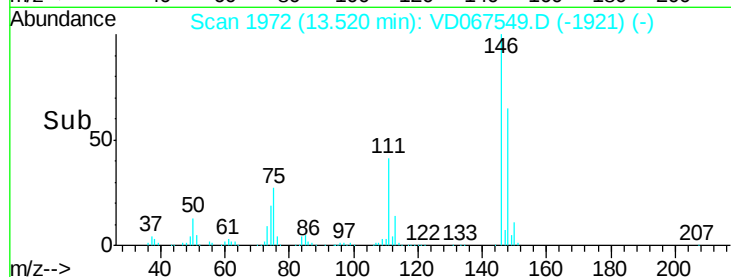
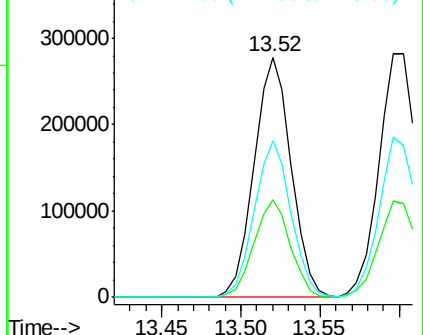
146 100

111 39.7 20.3 60.8

148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 69.753 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

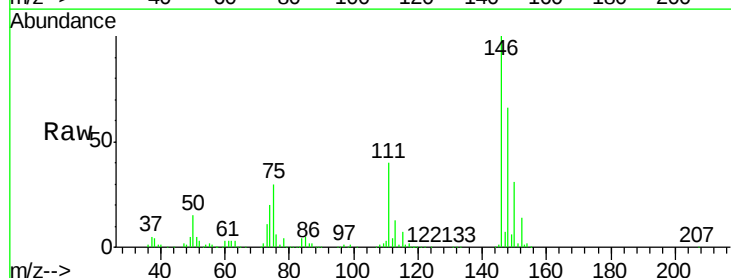
Tgt Ion:146 Resp: 468232

Ion Ratio Lower Upper

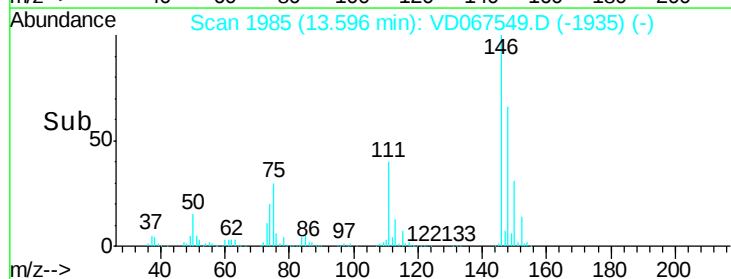
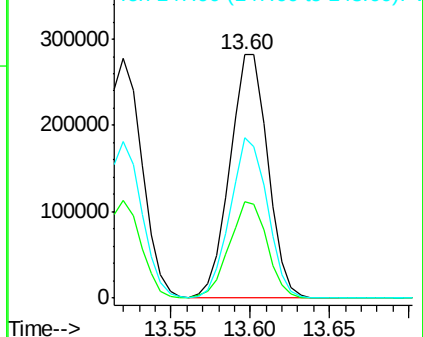
146 100

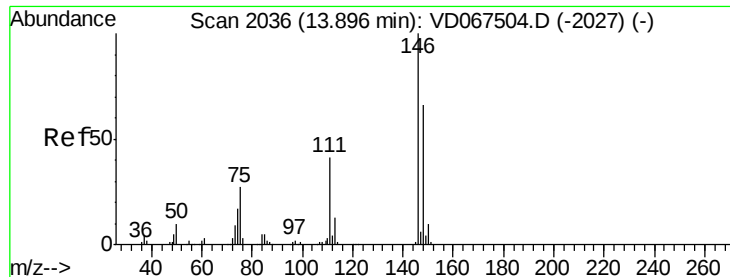
111 39.5 19.6 58.7

148 64.7 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 72.058 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOILDL

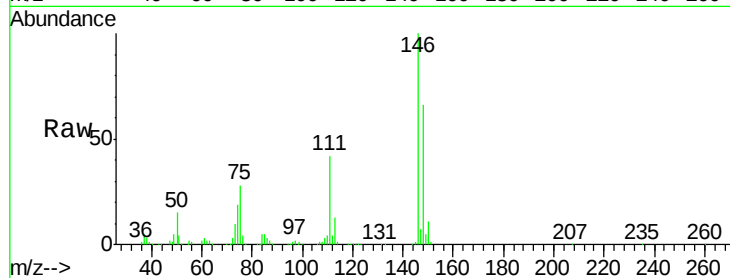
Tot Ion:146 Resp: 413435

Ion Ratio Lower Upper

146 100

111 41.4 20.7 62.1

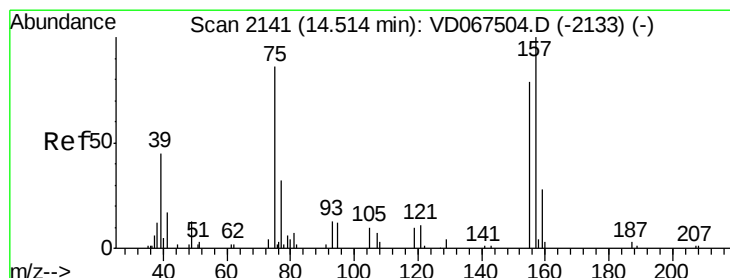
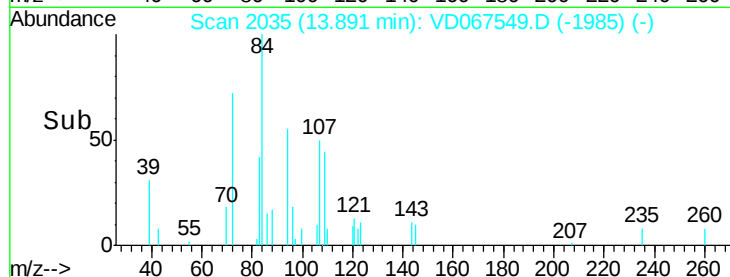
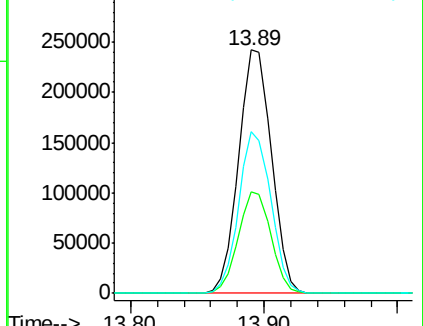
148 65.1 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 66.429 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067549.D

Acq: 06 Nov 2020 13:24

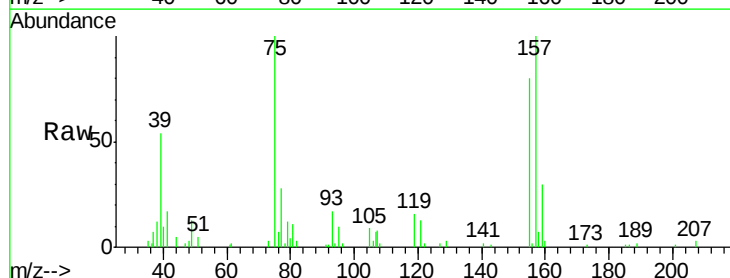
Tgt Ion: 75 Resp: 22689

Ion Ratio Lower Upper

75 100

155 91.2 46.6 139.8

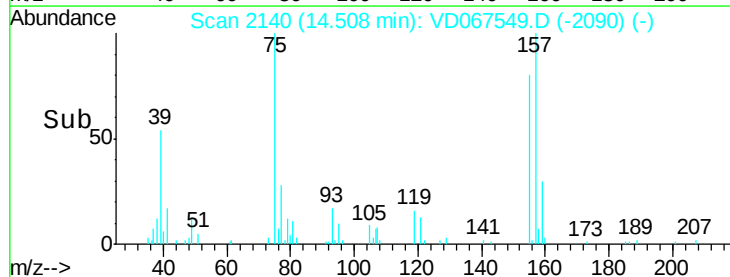
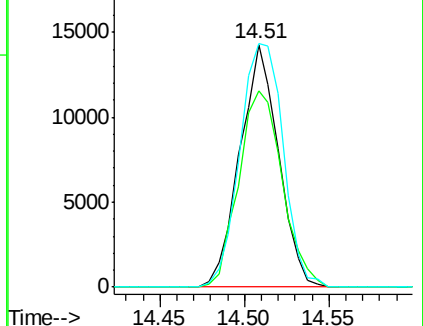
157 112.5 58.1 174.2

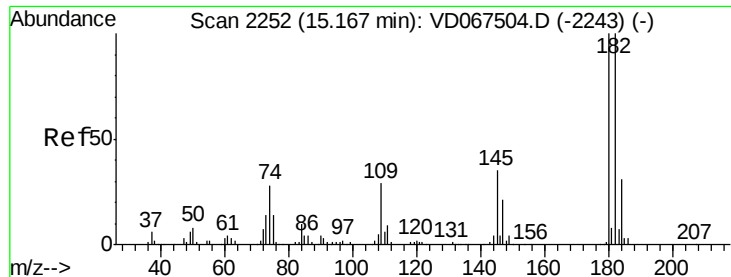


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

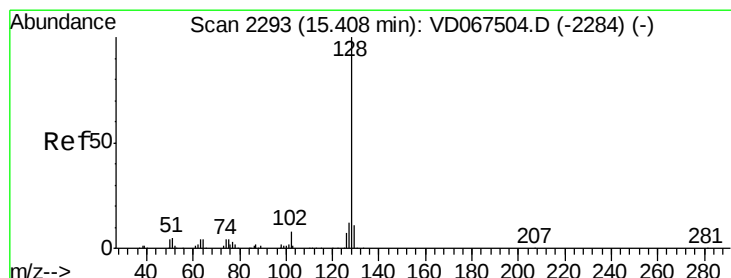
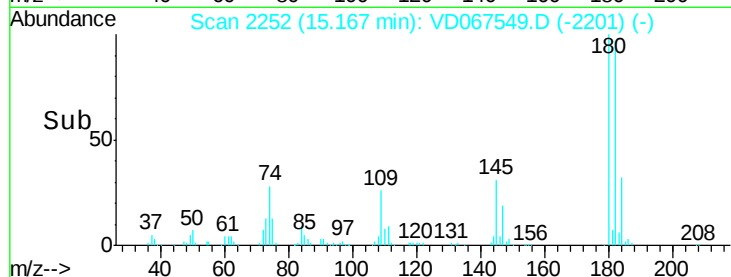
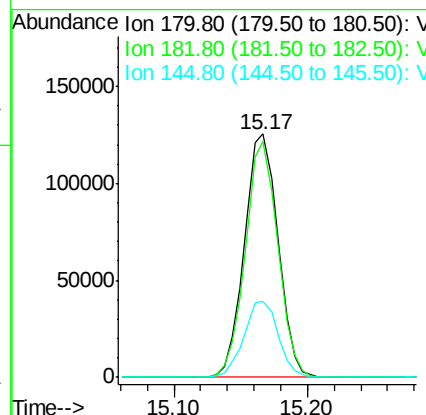
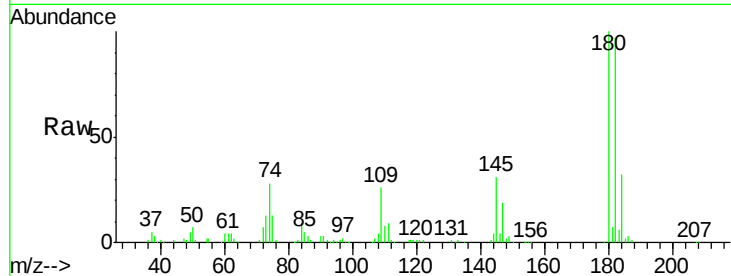




#93
1,2,4-Trichlorobenzene
Concen: 56.109 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOILDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.4	142.3
145	32.1	16.2	48.6



#95
Naphthalene
Concen: 48.942 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067549.D
Acq: 06 Nov 2020 13:24

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.9	13.3

